

Amended October 12, 2001

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Claims

1. Axial piston compressor, in particular CO₂ axial piston
5 compressor, with a drive shaft (12), a housing (10)
incorporating an exit aperture (19) through which the
drive shaft projects out of the housing, and an axial face
seal with sliding ring (22) and counter-ring (20) that
10 produces a seal between the two components drive shaft
(12) and housing (10),
characterized in that the counter-ring (20) forms an
integral part of the housing (10).
2. Axial piston compressor according to Claim 1, the housing
15 (10) of which comprises a cover plate (18) that is
provided with an exit aperture (19) for the drive shaft,
characterized in that the counter-ring (20) is formed in
one piece with the cover plate (18).
3. Axial piston compressor according to Claim 1 or 2,
20 characterized in that the sliding ring (22) is provided
with a groove (26) on its bearing surface that cooperates
with the counter-ring (20).
4. Axial piston compressor according to Claim 1 or 2,
characterized in that the counter-ring (20) is provided
with a groove.